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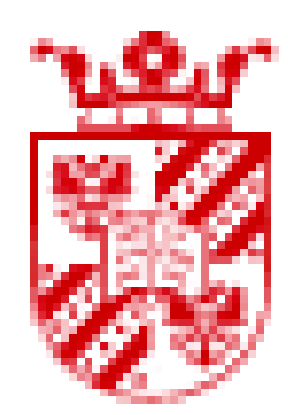
Developmental assessment in cases of PIMD

The opinion of support staff and psychologists about the suitability of the GTI and Bayley-III

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Method:

1. Adults with PIMD (n = 24; age range 29-57 years; 15 men, 9 women) assessed with Bayley-III and GTI.
- 2 & 3. Support staff & psychologists completed evaluation forms about suitability of instruments for target group.

Results:

1 Table 1. Correlations between subscales of Bayley-III and GTI

	GTI behaviour	Emotional	Receptive	General	Visual	Explorative
Bayley-III scale		communicative	language	communicative		
Cognition		.32	.34	.62**	.19	.43**
Receptive Communication		.47*	.28	.12	-.26	.01
Expressive Communication		.28	.18	.26	-.07	.04
Fine motor development		.43*	.38	.45*	.35	.79**

Note. * = correlation is significant at $p < .05$.

3 43% of cases: support staff identifies new skills during Bayley-III administration

Bayley-III gives information about developmental age equivalents; GTI does not.

Proposed adjustments to Bayley-III:

- Test duration: adjust to person
- Take into account intentions, observations, input from support staff
- Allow the use of familiar materials during testing.
- Adjust floor rule: start testing at estimated developmental level
- Broaden ceiling rules

2

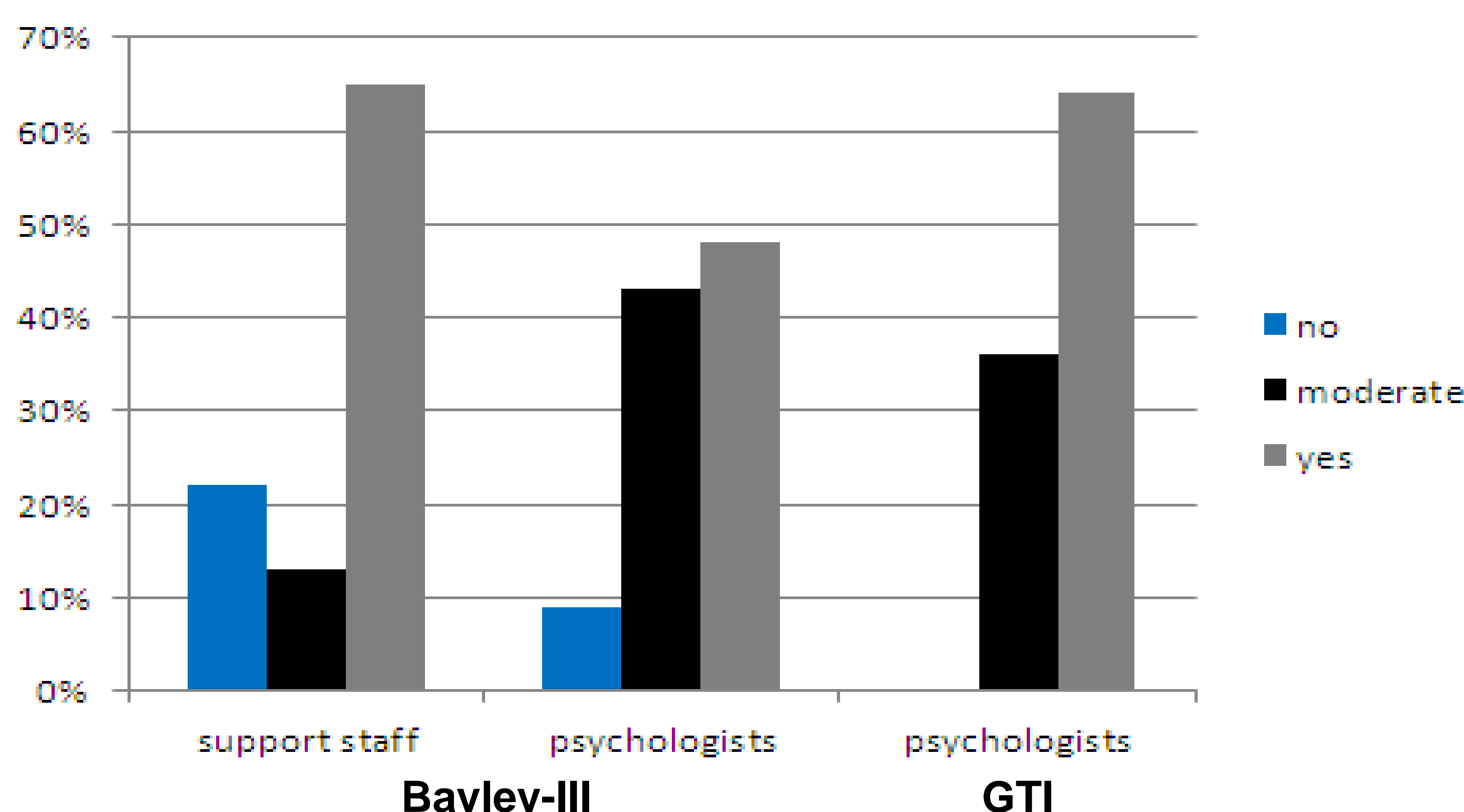


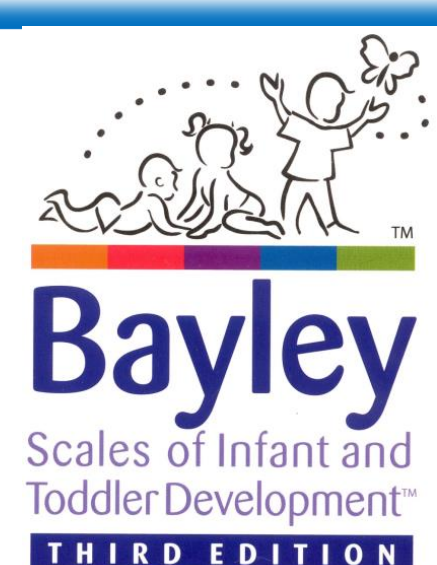
Figure 1. Was administering the instrument useful for this participant?

Conclusion:

GTI is more suitable for developmental assessment of persons with PIMD; Bayley-III is useful because of information about developmental level (age equivalents). With adjustments to the Bayley-III, both instruments can complement each other.

Discussion:

Future research necessary into the correct application of the Bayley-III in the diagnostic process of both adults and children with PIMD.



Gedragstaxatie-Instrument
GTI

Abbreviations:

PIMD = Profound Intellectual and Multiple Disabilities

GTI = Behaviour assessment instrument (Gedragstaxatie-Instrument)

Bayley-III = Low Motor/Vision version of the Dutch Bayley Scales of Infant and Toddler Development, Third Edition